

## Appendix 8-A

Baseline Sediment Chemistry from Receiving Drainage  
Section 16  
And San Mateo Creek

Table A-1. Baseline Sediment Chemistry – Receiving Drainage (Sec. 16 and San Mateo Creek)  
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Sample ID	SED-0	SED-1	SED-2	SED-3	SED-4	SED-5	SED-6	SED-7	SED-8	SED-9	SED-10	SED-11	SED-12	SED-13	SED-14	SED-15	SED-16	SED-17	Units	Method
Collection Date	9/11/2008	9/11/2008	9/11/2008	9/11/2008	9/12/2008	9/12/2008	9/12/2008	9/12/2008	9/15/2008	9/15/2008	9/15/2008	9/15/2008	9/16/2008	9/16/2008	9/16/2008	9/16/2008	9/16/2008	9/16/2008		
Collection Time	14:49	15:38	16:20	17:01	9:43	10:51	11:50	12:39	14:26	15:04	15:53	16:49	12:52	19:20	16:05					
AGRONOMIC PROPERTIES																				
pH, sat. paste	7.6	8.1	8.0	7.8	7.2	7.4	7.3	7.4	7.8	7.3	7.3	7.4	7.4	7.6	7.3	7.5	7.7	7.6	s.u.	ASAM 10-3.2
Moisture	5.4	12.3	20.1	6.8	7.3	4.3	0.9	0.5	ND	1.0	13.8	4.4	0.9	4.0	6.7	4.1	2.7	2.3	%	USDA26
Total Kjeldahl Nitrogen	948	1020	702	601	786	585	396	394	449	566	1620	1290	848	1180	2040	993	748	803	mg/kg-dry	ASA31-3
PARTICLE SIZE ANALYSIS/TEXTURE																				
Sand	67	29	73	69	47	63	88	88	89	70	12	22	70	12	20	4	32	50	%	ASA15-5
Silt	13	37	9	11	15	13	2	2	1	12	18	28	18	32	28	24	22	12	%	ASA15-5
Clay	20	34	18	20	38	24	10	10	10	18	70	50	12	56	52	72	46	38	%	ASA15-5
Texture	SL-SCL	CL	SL	SL-SCL	SC	SCL	LS	LS	LS	SL	C	C	SL	C	C	C	C	SC		ASA15-5
METALS - TOTAL																				
Aluminum	5480	17600	6070	8670	13700	8000	2480	1860	2430	4380	25200	16100	6800	21500	11600	25900	18200	11200	mg/kg-dry	SW6010B
Antimony	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.8	ND	ND	ND	mg/kg-dry	SW6020
Arsenic	4.2	5.0	3.1	3.1	4.6	3.0	1.9	2.0	2.3	3.9	9.0	6.4	3.1	6.3	6.5	9.1	6.4	3.9	mg/kg-dry	SW6020
Barium	64.9	159	59.5	75.0	110	72.7	30.4	23.9	29	89.1	237	229	95.6	202	171	200	146	103	mg/kg-dry	SW6020
Beryllium	0.7	0.9	ND	ND	0.7	ND	ND	ND	ND	0.6	1.6	1.2	ND	1.2	1.2	1.2	0.7	0.5	mg/kg-dry	SW6020
Boron	13.8	11.6	ND	ND	7.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg-dry	SW6010B
Cadmium	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.9	ND	ND	ND	mg/kg-dry	SW6020
Calcium	5380	12000	7480	5670	8520	5430	2440	2370	2300	6760	16000	17600	7440	16000	8210	16800	11600	7860	mg/kg-dry	SW6010B
Chromium	4.7	12.4	5.1	6.8	10.3	6.2	2.0	1.6	2.3	5.3	17.0	11.4	4.4	12.1	12.3	16.1	11.4	7.7	mg/kg-dry	SW6020
Cobalt	4.3	6.9	2.9	3.9	6.0	3.6	1.0	0.9	1.4	3.3	9.3	7.5	2.8	6.0	7.9	9.0	6.1	4.5	mg/kg-dry	SW6020
Copper	6.4	15.1	5.3	7.6	11.7	6.8	1.4	1.4	2.0	5.4	16.9	13.5	5.1	16.3	16.8	18.9	11.7	8.8	mg/kg-dry	SW6020
Iron	10900	21500	9720	11500	17200	10700	3540	3510	3720	8620	27700	16800	8510	24100	13500	27300	18000	12300	mg/kg-dry	SW6010B
Lead	7.5	14.1	5.7	7.4	12.3	7.2	2.4	2.4	3.0	7.2	22.3	17.8	7.2	18.0	18.3	20.1	12.8	9.6	mg/kg-dry	SW6020
Magnesium	2050	6040	2170	2730	4180	2470	799	581	763	1930	6030	4750	2390	6610	4020	7790	5730	3520	mg/kg-dry	SW6010B
Manganese	147	325	152	179	253	162	64.1	70.8	49.7	165	354	444	155	300	364	372	285	211	mg/kg-dry	SW6010B
Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg-dry	SW7471A
Molybdenum	0.5	0.7	ND	ND	0.5	ND	ND	ND	ND	ND	0.7	0.9	ND	0.9	1.1	0.8	1.0	1.4	mg/kg-dry	SW6020
Nickel	5.3	11.2	4.6	5.7	9.5	5.6	1.6	1.4	2.0	4.9	15.0	10.8	4.4	13.1	12.0	15.3	10.2	7.2	mg/kg-dry	SW6020
Potassium	1570	3630	1360	1890	3110	1760	506	388	482	1260	4510	3520	1740	5570	4250	5660	4790	3160	mg/kg-dry	SW6010B
Selenium	0.8	0.6	ND	ND	ND	ND	ND	ND	ND	0.6	0.8	1.1	ND	1.1	1.5	0.5	ND	0.6	mg/kg-dry	SW6020
Silver	0.8	ND	ND	ND	ND	ND	ND	ND	0.6	ND	ND	ND	ND	ND	0.7	ND	ND	ND	mg/kg-dry	SW6020
Sodium	ND	952	162	232	180	ND	ND	ND	ND	ND	431	ND	ND	120	101	375	193	217	mg/kg-dry	SW6010B
Thallium	0.7	ND	ND	ND	ND	ND	ND	ND	0.6	ND	ND	ND	ND	ND	1	ND	ND	ND	mg/kg-dry	SW6020
Uranium	1.0	1.1	1.1	0.7	1.1	0.7	ND	ND	1.2	1.1	2.1	4.9	1.8	7.9	5.1	4.0	2.1	4.2	mg/kg-dry	SW6020
Vanadium	12.7	30.0	14.9	17.8	20.8	14.6	6.1	6.9	5.9	13.1	31.0	29.5	14.7	28.0	28.3	32.7	24.7	17.9	mg/kg-dry	SW6020
Zinc	34.8	69.4	23.7	32.9	46.8	30.0	8.1	8.0	9.9	23.8	75.1	54.7	24.7	67.0	66.5	80.2	49.6	38.7	mg/kg-dry	SW6020

Table A-1 (Continued – Page 2 of 6)

Sample ID	SED-0	SED-1	SED-2	SED-3	SED-4	SED-5	SED-6	SED-7	SED-8	SED-9	SED-10	SED-11	SED-12	SED-13	SED-14	SED-15	SED-16	SED-17	Units	Method
Collection Date	9/11/2008	9/11/2008	9/11/2008	9/11/2008	9/12/2008	9/12/2008	9/12/2008	9/12/2008	9/15/2008	9/15/2008	9/15/2008	9/15/2008	9/16/2008	9/16/2008	9/16/2008	9/16/2008	9/16/2008	9/16/2008		
Collection Time	14:49	15:38	16:20	17:01	9:43	10:51	11:50	12:39	14:26	15:04	15:53	16:49	12:52	19:20	16:05					
RADIONUCLIDES - TOTAL																				
Gross Alpha	3.4	8.4	8.3	4.2	9.2	7.1	2.5	6.7	1.6	2.7	22.4	16.7	6.9	25.1	14.4	18.3	12.6	7.4	pCi/g-dry	E900.0
Gross Alpha precision (+/-)	0.6	0.7	0.7	0.6	0.7	0.7	0.5	0.7	0.7	0.7	1.1	1	0.8	1.1	0.9	1.0	0.9	0.8	pCi/g-dry	E900.0
Gross Alpha minus Rn & U	0.7	2.1	2.1	1.0	3.2	2.3	0.9	1.1	0.7	1.2	3.7	4.3	2.1	6.98	6.3	5.2	3.4	2.8	pCi/g-dry	E900.1
Gross Alpha minus Rn & U precision (+/-)	0.2	0.4	0.4	0.3	0.4	0.4	0.3	0.3	0.2	0.2	0.4	0.4	0.3	0.573	0.5	0.5	0.4	0.4	pCi/g-dry	E900.1
Gross Alpha minus Rn & U MDC	0.2	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.168	0.2	0.2	0.2	0.2	pCi/g-dry	E900.1
Gross Beta	27.7	39.6	23.3	21.5	32.8	26.9	15.0	17.2	13.3	12.1	27.3	35.4	21.4	50.8	35.2	35.5	29.1	25.5	pCi/g-dry	E900.0
Gross Beta precision (+/-)	1	1.1	1	0.9	1.0	1	0.9	0.9	0.9	0.9	1.0	1.1	1	1.2	1.1	1.1	1.0	1.0	pCi/g-dry	E900.0
Radium 226	0.3	1.1	0.8	0.6	1.0	0.7	0.3	0.1	-0.06	0.4	1.5	2.6	1.6	4.2	4.2	2.8	1.7	1.6	pCi/g-dry	E903.0
Radium 226 precision (+/-)	0.2	0.3	0.2	0.2	0.2	0.2	0.1	0.06	0.09	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.3	0.3	pCi/g-dry	E903.0
Radium 226 MDC	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.07	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	pCi/g-dry	E903.0
Radium 228	0.9	1.2	0.7	0.3	1.7	1.5	1.6	0.6	0.3	1.5	1.3	1.1	0.1	1.0	2.3	1.2	0.8	1.2	pCi/g-dry	RA-05
Radium 228 precision (+/-)	0.7	0.7	0.7	0.7	0.8	0.7	1	0.4	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	pCi/g-dry	RA-05
Radium 228 MDC	1.2	1.2	1.1	1.2	1.2	1.1	1.5	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	pCi/g-dry	RA-05
Strontium 90	-0.4	-0.5	-0.2	0.0	0.0	0.3	-0.2	0.2	0.2	-0.2	0.8	0.0	0.1	-0.2	-0.3	0.1	0.0	0.0	pCi/g-dry	E905.0
Strontium 90 precision (+/-)	0.5	0.5	0.5	0.6	0.5	0.4	0.4	0.5	0.5	0.4	0.5	0.4	0.5	0.383	0.4	0.4	0.4	0.4	pCi/g-dry	E905.0
Thorium 228	0.4	1.1	0.5	0.4	0.8	0.4	0.1	0.2	0.2	0.5	1.2	1.2	0.5	0.9	0.6	1	0.9	0.4	pCi/g-dry	E907.0
Thorium 228 precision (+/-)	0.2	0.3	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.4	0.2	0.2	0.3	0.3	0.3	0.2	pCi/g-dry	E907.0
Thorium 230	0.3	0.8	1.2	0.6	0.8	0.9	0.3	0.3	-0.6	0.5	1.3	2.7	2.0	2.7	3.6	0.7	0.9	0.4	pCi/g-dry	E907.0
Thorium 230 precision (+/-)	0.03	0.04	0.05	0.03	0.04	0.04	0.03	0.03	0.03	0.05	0.06	0.07	0.06	0.07	0.08	0.05	0.06	0.05	pCi/g-dry	E907.0
Thorium 232	0.4	0.7	0.4	0.3	0.6	0.5	0.1	0.1	0.2	0.3	0.8	0.6	0.6	1.2	0.7	1.0	1	0.5	pCi/g-dry	E907.0
Thorium 232 precision (+/-)	0.03	0.04	0.03	0.02	0.04	0.03	0.009	0.02	0.03	0.03	0.04	0.03	0.04	0.04	0.04	0.04	0.04	0.03	pCi/g-dry	E907.0
VOLITILE ORGANIC COMPOUNDS																				
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,1-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,3-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
2,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
2-Chloroethyl vinyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
2-Chlorotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
4-Chlorotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B

Table A-1 (Continued – Page 3 of 6)

Sample ID	SED-0	SED-1	SED-2	SED-3	SED-4	SED-5	SED-6	SED-7	SED-8	SED-9	SED-10	SED-11	SED-12	SED-13	SED-14	SED-15	SED-16	SED-17	Units	Method
Collection Date	9/11/2008	9/11/2008	9/11/2008	9/11/2008	9/12/2008	9/12/2008	9/12/2008	9/12/2008	9/15/2008	9/15/2008	9/15/2008	9/15/2008	9/16/2008	9/16/2008	9/16/2008	9/16/2008	9/16/2008	9/16/2008		
Collection Time	14:49	15:38	16:20	17:01	9:43	10:51	11:50	12:39	14:26	15:04	15:53	16:49	12:52	19:20	16:05					
VOLITILE ORGANIC COMPOUNDS (Continued)																				
Acrolein	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Bromobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Carbon tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Chlorodibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Iodomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
m+p-Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Methyl ethyl ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Methyl isobutyl ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
o-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Vinyl acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Vinyl chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Xylenes, Total	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Surr: 1,2-Dichlorobenzene-d4	97.0	97.0	100	99.0	101	99.0	102	103	98.0	98.0	98.0	99.0	100	104	105	102	103	103	%REC	SW8260B
Surr: Dibromofluoromethane	88.0	92.0	94.0	94.0	102	99.0	101	107	90.0	90.0	94.0	96.0	104	93.0	118	109	114	113	%REC	SW8260B
Surr: p-Bromofluorobenzene	99.0	99.0	100	100	99.0	101	100	102	101	100	99.0	100	102	97.0	105	101	102	101	%REC	SW8260B
Surr: Toluene-d8	98.0	98.0	98.0	98.0	98.0	99.0	100	100	99.0	86.0	98.0	98.0	116	97.0	100	98.0	98.0	100	%REC	SW8260B

Table A-1 (Continued – Page 4 of 6)

[illegible]

Table A-1 (Continued – Page 5 of 6)

Sample ID	SED-0	SED-1	SED-2	SED-3	SED-4	SED-5	SED-6	SED-7	SED-8	SED-9	SED-10	SED-11	SED-12	SED-13	SED-14	SED-15	SED-16	SED-17	Units	Method
Collection Date	9/11/2008	9/11/2008	9/11/2008	9/11/2008	9/12/2008	9/12/2008	9/12/2008	9/12/2008	9/15/2008	9/15/2008	9/15/2008	9/15/2008	9/16/2008	9/16/2008	9/16/2008	9/16/2008	9/16/2008	9/16/2008		
Collection Time	14:49	15:38	16:20	17:01	9:43	10:51	11:50	12:39	14:26	15:04	15:53	16:49	12:52	19:20	16:05					
SYNTHETIC ORGANIC COMPOUNDS (Continued)																				
Di-n-butyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
m+p-Cresols	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
n-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
n-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
n-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
o-Cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Phenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Pyridine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Surr: 2,4,6-Tribromophenol	106	107	107	116	91.0	95.0	86.0	88.0	82.0	91.0	81.0	76.0	88.0	80.0	84.0	85.0	88.0	88.0	%REC	SW8270C
Surr: 2-Fluorobiphenyl	75.0	79.0	81.0	82.0	82.0	72.0	78.0	81.0	82.0	87.0	85.0	79.0	76.0	73.0	74.0	76.0	75.0	77.0	%REC	SW8270C
Surr: 2-Fluorophenol	78.0	76.0	84.0	88.0	78.0	74.0	75.0	82.0	92.0	89.0	80.0	84.0	83.0	76.0	81.0	69.0	74.0	79.0	%REC	SW8270C
Surr: Nitrobenzene-d5	82.0	76.0	79.0	86.0	75.0	71.0	84.0	84.0	83.0	79.0	80.0	78.0	74.0	81.0	85.0	86.0	86.0	89.0	%REC	SW8270C
Surr: Phenol-d5	86.0	86.0	86.0	91.0	96.0	73.0	80.0	91.0	88.0	92.0	77.0	82.0	76.0	84.0	84.0	72.0	77.0	76.0	%REC	SW8270C
Surr: Terphenyl-d14	91.0	91.0	94.0	98.0	92.0	81.0	95.0	89.0	129	100	106	100	87.0	87.0	79.0	87.0	94.0	86.0	%REC	SW8270C

Table A-1 (Continued – Page 6 of 6)

Sample ID	SED-0	SED-1	SED-2	SED-3	SED-4	SED-5	SED-6	SED-7	SED-8	SED-9	SED-10	SED-11	SED-12	SED-13	SED-14	SED-15	SED-16	SED-17	Units	Method
Collection Date	9/11/2008	9/11/2008	9/11/2008	9/11/2008	9/12/2008	9/12/2008	9/12/2008	9/12/2008	9/15/2008	9/15/2008	9/15/2008	9/15/2008	9/16/2008	9/16/2008	9/16/2008	9/16/2008	9/16/2008	9/16/2008		
Collection Time	14:49	15:38	16:20	17:01	9:43	10:51	11:50	12:39	14:26	15:04	15:53	16:49	12:52	19:20	16:05					
ORGANOCHLORINE PESTICIDES																				
4,4'-DDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
4,4'-DDE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
4,4'-DDT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Aldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
alpha-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
alpha-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
beta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
delta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Endosulfan II	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Endrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Endrin aldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
gamma-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
gamma-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Surr: Decachlorobiphenyl	94.0	97.0	96.0	89.0	92.0	97.0	97.0	108	103	95.0	91.0	92.0	93.0	52.0	90.0	94.0	99.0	94.0	%REC	SW8081A
Surr: Tetrachloro-m-xylene	79.0	80.0	74.0	70.0	68.0	73.0	75.0	98.0	91.0	84.0	79.0	75.0	84.0	43.0	71.0	79.0	90.0	83.0	%REC	SW8081A
POLYCHLORINATED BIPHENYLS (PCBs)																				
Aroclor 1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8082
Aroclor 1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8082
Aroclor 1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8082
Aroclor 1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8082
Aroclor 1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8082
Aroclor 1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8082
Aroclor 1260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8082
Aroclor 1262	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8082
Aroclor 1268	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8082
Surr: Decachlorobiphenyl	79.0	84.0	82.0	78.0	87.0	88.0	87.0	77.0	74.0	72.0	69.0	74.0	73.0	79.0	71.0	75.0	79.0	74.0	%REC	SW8082
Surr: Tetrachloro-m-xylene	65.0	71.0	72.0	62.0	60.0	63.0	59.0	82.0	80.0	75.0	71.0	69.0	66.0	68.0	66.0	70.0	80.0	75.0	%REC	SW8082
DIOXINS																				
2,3,7,8-TCDD	ND	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ng/kg	8290

## Appendix 8-B

Baseline Sediment Chemistry from Receiving Drainage  
Section 16  
And San Mateo Creek  
(Leachable Constituents)



Table B-1. Baseline Sediment Chemistry – Receiving Drainages (Sec. 16 and Sand Mateo Creek) Leachable Constituents)  
(Page 1 of 6)

Sample ID	SED-0 (L)	SED-1 (L)	SED-2 (L)	SED-3 (L)	SED-4 (L)	SED-5 (L)	SED-6 (L)	SED-7 (L)	SED-8 (L)	SED-9 (L)	SED-10 (L)	SED-11 (L)	SED-12 (L)	SED-13 (L)	SED-14 (L)	SED-15 (L)	SED-16 (L)	SED-17 (L)	Units	Method
Collection Date	9/11/2008	9/11/2008	9/11/2008	9/11/2008	9/12/2008	9/12/2008	9/12/2008	9/12/2008	9/15/2008	9/15/2008	9/15/2008	9/15/2008	9/16/2008	9/16/2008	9/16/2008	9/16/2008	9/16/2008	9/16/2008		
Collection Time	14:49	15:38	16:20	17:01	9:43	10:51	11:50	12:39	14:26	15:04	15:53	16:49	12:52	19:20	16:05					
AGRONOMIC PROPERTIES																				
pH, sat. paste	7.8	8.1	8.0	7.7	7.3	7.4	7.3	7.4	7.5	7.3	7.3	7.4	7.5	7.5	7.3	7.7	7.7	7.6	s.u.	ASAM 10-3.2
Moisture	4.5	14.1	7.9	7.4	7.6	4.1	1.0	0.5	0.2	0.9	11.4	5.1	0.7	4.3	2.4	3.6	2.4	1.5	%	USDA26
Total Kjeldahl Nitrogen	939	978	608	605	1270	643	453	394	449	565	1450	1240	734	1180	1660	930	746	683	mg/kg-dry	ASA31-3
PARTICLE SIZE ANALYSIS/TEXTURE																				
Sand	59	23	71	73	45	73	91	92	91	76	10	24	62	10	22	8	34	51	%	ASA15-5
Silt	17	39	9	11	19	9	1	ND	5	10	20	26	14	30	26	18	16	15	%	ASA15-5
Clay	24	38	20	16	36	18	8	8	4	14	70	50	24	60	52	74	50	34	%	ASA15-5
Texture	SCL	CL	SL-SCL	SL	CL-SC	SL	S	S	S	SL	C	C	SCL	C	C	C	C	SCL		ASA15-5
METALS - TOTAL																				
Aluminum	6060	25900	6760	6260	12600	8390	2840	1890	1610	3770	ND	18300	6330	22100	13400	25600	18400	11800	mg/kg-dry	SW6010B
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg-dry	SW6020
Arsenic	4.1	5.1	3.2	2.8	4.6	3.6	2.0	1.8	2.0	3.1	9.8	5.9	2.7	6.0	6.8	8.4	4.9	3.8	mg/kg-dry	SW6020
Barium	77.6	260	62.1	70.8	107	79.9	34.5	22.8	36.1	80.4	248	206	89.3	202	170	217	155	97.6	mg/kg-dry	SW6020
Beryllium	0.5	1.2	ND	ND	0.6	ND	ND	ND	ND	ND	1.6	1.1	ND	1.0	0.9	1.1	0.7	0.7	mg/kg-dry	SW6020
Boron	ND	18.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg-dry	SW6010B
Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg-dry	SW6020
Calcium	5880	17400	8190	4130	8030	5670	3150	1840	2100	5540	ND	19200	7990	16400	8080	16500	11500	8020	mg/kg-dry	SW6010B
Chromium	5.3	16.8	4.9	6.3	9.8	6.6	2.3	1.8	2.3	4.6	17.9	10.7	4.3	12.5	12.4	18.1	10.5	7.2	mg/kg-dry	SW6020
Cobalt	5.3	8.9	3.3	3.1	5.5	3.8	1.1	1.1	1.2	2.7	9.7	6.9	2.7	6.2	7.6	9.4	5.8	4.2	mg/kg-dry	SW6020
Copper	7.8	20.0	5.7	5.7	10.9	7.5	1.7	1.6	1.6	4.5	17.8	12.3	4.9	17.0	16.5	20.1	11.3	8.1	mg/kg-dry	SW6020
Iron	11500	26500	10500	10800	15900	12000	4070	3770	3400	7320	ND	18800	7910	24200	15600	26700	18100	12400	mg/kg-dry	SW6010B
Lead	8.6	18.4	6.2	5.9	11.2	8.0	2.8	2.6	2.7	6.1	23.9	16.5	6.7	18.3	17.8	21.3	12.8	9.1	mg/kg-dry	SW6020
Magnesium	2260	8320	2500	1960	3840	2640	952	562	673	1720	ND	5310	2260	6800	4520	7680	5720	3810	mg/kg-dry	SW6010B
Manganese	182	368	163	155	237	165	74.9	64.2	54.9	138	370	410	154	307	366	376	279	183	mg/kg-dry	SW6010B
Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.05	ND	ND	ND	ND	ND	ND	mg/kg-dry	SW7471A
Molybdenum	ND	ND	ND	ND	0.5	ND	ND	ND	ND	ND	0.7	0.8	ND	1.1	0.9	1	1.0	4.1	mg/kg-dry	SW6020
Nickel	6.3	14.0	4.7	4.6	8.9	5.9	1.9	1.6	1.8	4.2	15.9	10.1	4.2	13.5	11.8	16.4	9.6	7.1	mg/kg-dry	SW6020
Potassium	1860	5100	1450	1400	2950	1880	567	395	427	1090	ND	3960	1640	5770	4170	5600	4890	3350	mg/kg-dry	SW6010B
Selenium	ND	0.5	ND	ND	ND	ND	ND	ND	ND	ND	0.9	0.9	0.6	0.9	1	ND	ND	ND	mg/kg-dry	SW6020
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg-dry	SW6020
Sodium	ND	1320	184	120	102	ND	ND	ND	ND	ND	ND	ND	ND	292	146	306	194	211	mg/kg-dry	SW6010B
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg-dry	SW6020
Uranium	0.7	1.1	1.7	0.6	1	0.9	ND	ND	0.8	1.1	2.1	4.6	1.9	8.2	4.3	4.3	2.1	3.7	mg/kg-dry	SW6020
Vanadium	14.3	38.7	14.0	16.3	20.3	15.7	6.6	6.8	7.2	11.8	32.5	27.5	13.4	28.7	28.0	36.5	22.8	17.6	mg/kg-dry	SW6020
Zinc	34.3	83.4	27.1	25.0	43.6	35.1	9.5	8.7	8.6	20.3	78.8	50.9	22.9	69.3	66.2	85.7	48.6	37.5	mg/kg-dry	SW6020

Table B-1 (Continued – Page 2 of 6)

Sample ID	SED-0 (L)	SED-1 (L)	SED-2 (L)	SED-3 (L)	SED-4 (L)	SED-5 (L)	SED-6 (L)	SED-7 (L)	SED-8 (L)	SED-9 (L)	SED-10(L)	SED-11 (L)	SED-12 (L)	SED-13 (L)	SED-14 (L)	SED-15 (L)	SED-16 (L)	SED-17 (L)	Units	Method
Collection Date	9/11/2008	9/11/2008	9/11/2008	9/11/2008	9/12/2008	9/12/2008	9/12/2008	9/12/2008	9/15/2008	9/15/2008	9/15/2008	9/15/2008	9/16/2008	9/16/2008	9/16/2008	9/16/2008	9/16/2008	9/16/2008		
Collection Time	14:49	15:38	16:20	17:01	9:43	10:51	11:50	12:39	14:26	15:04	15:53	16:49	12:52	19:20	16:05					
RADIONUCLIDES - TOTAL																				
Gross Alpha	4.2	6.7	5.5	2.9	8.8	10.8	2.9	1.6	1.8	7.3	16.5	14.8	14.9	18.0	16.8	14.9	14.5	9.2	pCi/g-dry	E900.0
Gross Alpha precision (+/-)	0.6	0.7	0.6	0.5	0.7	0.8	0.5	0.5	0.7	0.8	1.0	0.9	0.9	0.9	1	0.9	0.9	0.8	pCi/g-dry	E900.0
Gross Alpha minus Rn & U	1.1	2.7	1.6	1.7	3.4	2.3	1.6	0.5	0.7	1.3	3.9	4.7	2.4	6.17	6.9	5.0	3.3	2.5	pCi/g-dry	E900.1
Gross Alpha minus Rn & U precision (+/-)	0.3	0.4	0.3	0.3	0.5	0.4	0.3	0.2	0.2	0.2	0.4	0.4	0.3	0.536	0.6	0.5	0.4	0.3	pCi/g-dry	E900.1
Gross Alpha minus Rn & U MDC	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.166	0.2	0.2	0.2	0.2	pCi/g-dry	E900.1
Gross Beta	25.6	36.1	19.0	17.1	29.3	29.5	21.8	12.7	13.4	16.2	27.7	39.9	28.7	49.0	43.5	29.3	31.4	25.6	pCi/g-dry	E900.0
Gross Beta precision (+/-)	1	1	0.9	0.9	1.0	1.0	0.9	0.9	0.9	0.9	1.0	1.1	1.0	1.1	1.1	1.0	1.0	1.0	pCi/g-dry	E900.0
Radium 226	0.7	0.9	0.8	0.4	1.2	0.8	0.3	0.2	0.2	0.6	1.7	3.0	1.3	4.4	5.0	2.8	1.7	1.6	pCi/g-dry	E903.0
Radium 226 precision (+/-)	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.4	0.5	0.4	0.3	0.3	pCi/g-dry	E903.0
Radium 226 MDC	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	pCi/g-dry	E903.0
Radium 228	0.6	1.5	0.8	1.6	2.3	1.4	1.5	0.4	0.5	0.9	1.6	1	0.4	0.9	0.9	1.1	0.4	0.3	pCi/g-dry	RA-05
Radium 228 precision (+/-)	0.7	0.7	0.7	0.8	0.8	0.7	0.9	0.7	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.5	pCi/g-dry	RA-05
Radium 228 MDC	1.2	1.1	1.1	1.2	1.2	1.1	1.5	1.2	1.0	1.1	1.0	1.1	1.1	0.9	0.9	0.9	0.9	0.9	pCi/g-dry	RA-05
Strontium 90	0.0	0.2	-0.2	-0.4	-0.1	-0.1	0.0	-0.3	-0.1	-0.2	0.0	0.6	0.3	-0.2	0.3	0.3	-0.2	0.4	pCi/g-dry	E905.0
Strontium 90 precision (+/-)	0.5	0.6	0.5	0.4	0.5	0.4	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.377	0.4	0.4	0.4	0.4	pCi/g-dry	E905.0
Thorium 228	0.4	1.1	0.4	0.1	1.3	0.7	0.2	0.1	0.1	0.5	1.3	1	0.3	1.1	0.5	1.0	0.9	0.5	pCi/g-dry	E907.0
Thorium 228 precision (+/-)	0.2	0.2	0.2	0.04	0.5	0.3	0.2	0.1	0.1	0.2	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.2	pCi/g-dry	E907.0
Thorium 230	0.7	0.6	0.8	0.1	0.6	0.5	0.2	0.2	-0.3	0.2	0.8	2.7	1.2	2.5	2.5	0.9	0.8	0.5	pCi/g-dry	E907.0
Thorium 230 precision (+/-)	0.04	0.04	0.04	0.009	0.05	0.04	0.03	0.03	0.03	0.04	0.05	0.08	0.06	0.07	0.08	0.06	0.05	0.05	pCi/g-dry	E907.0
Thorium 232	0.4	0.7	0.4	0.0	0.6	0.7	0.1	0.1	0.1	0.4	0.9	0.8	0.2	0.8	0.6	1.0	0.9	0.6	pCi/g-dry	E907.0
Thorium 232 precision (+/-)	0.03	0.03	0.03	0.009	0.04	0.04	0.02	0.02	0.02	0.03	0.04	0.04	0.02	0.04	0.03	0.04	0.04	0.03	pCi/g-dry	E907.0
VOLITILE ORGANIC COMPOUNDS																				
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,1-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,3-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
2,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
2-Chloroethyl vinyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
2-Chlorotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
4-Chlorotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B

Table B-1 (Continued – Page 3 of 6)

Sample ID Collection Date Collection Time	SED-0 (L) 9/11/2008 14:49	SED-1 (L) 9/11/2008 15:38	SED-2 (L) 9/11/2008 16:20	SED-3 (L) 9/11/2008 17:01	SED-4 (L) 9/12/2008 9:43	SED-5 (L) 9/12/2008 10:51	SED-6 (L) 9/12/2008 11:50	SED-7 (L) 9/12/2008 12:39	SED-8 (L) 9/15/2008 14:26	SED-9 (L) 9/15/2008 15:04	SED-10(L) 9/15/2008 15:53	SED-11 (L) 9/15/2008 16:49	SED-12 (L) 9/16/2008 12:52	SED-13 (L) 9/16/2008 19:20	SED-14 (L) 9/16/2008 16:05	SED-15 (L) 9/16/2008	SED-16 (L) 9/16/2008	SED-17 (L) 9/16/2008	Units	Method
VOLITILE ORGANIC COMPOUNDS (Continued)																				
Acrolein	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Bromobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Carbon tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Chlorodibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Iodomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
m+p-Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Methyl ethyl ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Methyl isobutyl ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
o-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Vinyl acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Vinyl chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Xylenes, Total	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8260B
Surr: 1,2-Dichlorobenzene-d4	96.0	100	100	99.0	99.0	101	99.0	102	100	100	99.0	100	102	103	102	103	102	104	%REC	SW8260B
Surr: Dibromofluoromethane	92.0	96.0	100	98.0	102	102	99.0	102	93.0	94.0	98.0	94.0	106	89.0	132	103	108	110	%REC	SW8260B
Surr: p-Bromofluorobenzene	100	100	101	102	100	101	101	100	102	100	102	102	103	97.0	102	102	102	103	%REC	SW8260B
Surr: Toluene-d8	100	99.0	100	100	99.0	100	100	100	99.0	98.0	98.0	84.0	82.0	98.0	115	100	100	100	%REC	SW8260B



Table B-1 (Continued – Page 5 of 6)

Sample ID Collection Date Collection Time	SED-0 (L) 9/11/2008 14:49	SED-1 (L) 9/11/2008 15:38	SED-2 (L) 9/11/2008 16:20	SED-3 (L) 9/11/2008 17:01	SED-4 (L) 9/12/2008 9:43	SED-5 (L) 9/12/2008 10:51	SED-6 (L) 9/12/2008 11:50	SED-7 (L) 9/12/2008 12:39	SED-8 (L) 9/15/2008 14:26	SED-9 (L) 9/15/2008 15:04	SED-10 (L) 9/15/2008 15:53	SED-11 (L) 9/15/2008 16:49	SED-12 (L) 9/16/2008 12:52	SED-13 (L) 9/16/2008 19:20	SED-14 (L) 9/16/2008 16:05	SED-15 (L) 9/16/2008	SED-16 (L) 9/16/2008	SED-17 (L) 9/16/2008	Units	Method
SYNTHETIC ORGANIC COMPOUNDS (Continued)																				
Di-n-butyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
m+p-Cresols	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
n-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
n-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
n-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
o-Cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Phenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Pyridine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8270C
Surr: 2,4,6-Tribromophenol	102	100	111	111	85.0	107	91.0	80.0	68.0	87.0	91.0	86.0	92.0	86.0	76.0	86.0	86.0	95.0	%REC	SW8270C
Surr: 2-Fluorobiphenyl	73.0	78.0	79.0	74.0	71.0	83.0	86.0	75.0	70.0	77.0	77.0	73.0	79.0	74.0	67.0	80.0	76.0	81.0	%REC	SW8270C
Surr: 2-Fluorophenol	71.0	71.0	79.0	74.0	73.0	83.0	80.0	73.0	78.0	87.0	88.0	77.0	79.0	66.0	72.0	92.0	72.0	85.0	%REC	SW8270C
Surr: Nitrobenzene-d5	78.0	77.0	83.0	85.0	73.0	86.0	82.0	69.0	62.0	85.0	86.0	83.0	90.0	86.0	77.0	92.0	86.0	90.0	%REC	SW8270C
Surr: Phenol-d5	80.0	83.0	85.0	79.0	86.0	85.0	82.0	84.0	75.0	81.0	91.0	75.0	75.0	64.0	74.0	93.0	74.0	81.0	%REC	SW8270C
Surr: Terphenyl-d14	86.0	92.0	88.0	94.0	93.0	90.0	97.0	84.0	99.0	92.0	80.0	93.0	92.0	87.0	71.0	82.0	86.0	83.0	%REC	SW8270C

Table B-1 (Continued – Page 6 of 6)

Sample ID	SED-0 (L)	SED-1 (L)	SED-2 (L)	SED-3 (L)	SED-4 (L)	SED-5 (L)	SED-6 (L)	SED-7 (L)	SED-8 (L)	SED-9 (L)	SED-10 (L)	SED-11 (L)	SED-12 (L)	SED-13 (L)	SED-14 (L)	SED-15 (L)	SED-16 (L)	SED-17 (L)	Units	Method
Collection Date	9/11/2008	9/11/2008	9/11/2008	9/11/2008	9/12/2008	9/12/2008	9/12/2008	9/12/2008	9/15/2008	9/15/2008	9/15/2008	9/15/2008	9/16/2008	9/16/2008	9/16/2008	9/16/2008	9/16/2008	9/16/2008		
Collection Time	14:49	15:38	16:20	17:01	9:43	10:51	11:50	12:39	14:26	15:04	15:53	16:49	12:52	19:20	16:05					
ORGANOCHLORINE PESTICIDES																				
4,4'-DDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
4,4'-DDE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
4,4'-DDT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Aldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
alpha-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
alpha-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
beta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
delta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Endosulfan II	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Endrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Endrin aldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
gamma-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
gamma-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8081A
Surr: Decachlorobiphenyl	92.0	102	97.0	91.0	98.0	98.0	102	98.0	94.0	94.0	93.0	96.0	92.0	87.0	97.0	95.0	96.0	93.0	%REC	SW8081A
Surr: Tetrachloro-m-xylene	77.0	73.0	76.0	78.0	79.0	80.0	79.0	88.0	76.0	80.0	88.0	86.0	73.0	75.0	86.0	84.0	75.0	67.0	%REC	SW8081A
POLYCHLORINATED BIPHENYLS (PCBs)																				
Aroclor 1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8082
Aroclor 1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8082
Aroclor 1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8082
Aroclor 1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8082
Aroclor 1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8082
Aroclor 1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8082
Aroclor 1260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8082
Aroclor 1262	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8082
Aroclor 1268	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	SW8082
Surr: Decachlorobiphenyl	79.0	84.0	79.0	83.0	90.0	88.0	90.0	65.0	68.0	73.0	73.0	81.0	84.0	71.0	76.0	75.0	71.0	73.0	%REC	SW8082
Surr: Tetrachloro-m-xylene	66.0	63.0	65.0	67.0	70.0	71.0	62.0	70.0	66.0	72.0	79.0	78.0	80.0	68.0	79.0	80.0	68.0	60.0	%REC	SW8082
DIOXINS																				
2,3,7,8-TCDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ng/kg	8290